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Aug - 2 1984

Mr. William L. Sago, P.E.
Vice President
RUSSELL & AXON
#1 American Bottoms Road
Sauget, IL 62201

CEC Job No. 20666-15

Dear Mr. Sago:

At your request, I visited the American Bottoms construction site in Sauget, Illinois on May 20, 1984. The purpose of this visit was to review with you a recent problem involving some chemical wastes uncovered during excavation at the site. As we understand the situation, workers digging a trench (and laying a potable water pipeline) at a location approximately 200 feet northeast of the R&A field office, uncovered the suspect material. When you became aware of the situation you ordered work discontinued, the trench filled and the pipe already laid in this area, abandoned. Subsequently, a new route was selected for the pipe. During my visit, small quantities of material were exposed at several locations and two samples were collected. Subjectively, the material was a black tar-like substance. The apparent source was the adjacent #4 lagoon. The material was similar in both appearance and odor to materials observed during excavations in the summer of 1983 between the abandoned lagoons and Clayton Chemical Company.

The samples collected were submitted for analyses to Envirodyne Engineers, as you instructed. Samples were analyzed for PCBs, benzene, phenol, and oil and grease, and the results are presented in the following table.

	<u>Sample No. 1</u>	<u>Sample No. 2</u>
Total PCB	477 ppm	653 ppm
Benzene	1 ppb	1 ppb
Phenol	0.28 ppm	12. ppm
Oil and grease	29%	35%
Solids	82.2%	87.3%

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